



KVMA switch to share Video and USB between multiple sources

## ADDERView 4PRO-VGA-MS

Ultimate flexibility for sharing high-res screens and USB peripherals



### PRODUCT IN BRIEF

The AV4PRO-VGA-MS is designed to enable four multihead computers to be controlled from a single high resolution KVM console using high definition analogue VGA video links. The switch makes use of Adder's True Emulation technology which enables USB HID devices to be continuously emulated to each computer. This unique technology enables instantaneous and reliable hot-key switching whilst also supporting the extra keys and features of enhanced keyboards and mice. Furthermore, the ADDERView includes two independently switchable USB 2.0 channels and an audio channel, giving the user the flexibility to attach selected peripherals to different computers. Models are available supporting single, dual, triple or quad head VGA computers.

### FEATURES

#### USB keyboard and mouse control

The ADDERView Pro Multi Screen features high resolution VGA video with extended DDC EDID profile. The extended DDC EDID profile ensures that the switched graphics card is always optimised to work with your screen. The VGA capabilities enable users to work at high resolutions on each head for resolution intensive applications such as media/graphic design or detailed medical imaging.

#### True Emulation USB 2.0 technology

The AV4PRO-VGA-MS belongs to the first KVMA range of switches to feature Adder's advanced True USB Emulation technology. Emulated USB provides an instantaneous and reliable switching action and makes keyboard hotkey and mouse switching possible. Previous implementations have used generic emulations and consequently have only been able to support the most basic keyboard and mouse features. Adder's revolutionary True Emulation technology overcomes this frustrating limitation by emulating the true character of the connected devices to all the computers simultaneously. This means that you can now use the extra function keys, wheels, buttons and controls that are commonly found on modern keyboards and mice.

your USB peripherals are connected to other computers and your speakers are playing music from yet another. You can of course still switch all connected devices to any one of the connected computers as with any other KVM switch.

#### Channel selection options

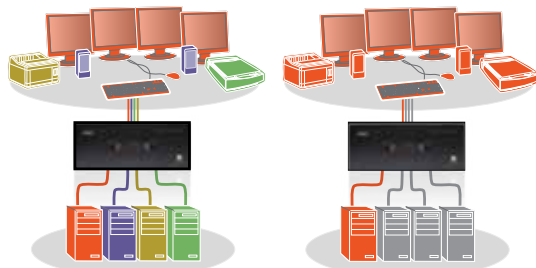
The ADDERView Pro can be switched using selectable keyboard hotkeys, 3 button mice or the front panel controls. Optionally, you can also use the RC4 remote switch to make your selection. These switching options allow you to rapidly reassign connected devices to any of the connected computers.

#### Broad USB 2.0 Hi Speed device support

A vast range of USB devices can be connected to the ADDERView Pro, from non standard human interface devices to printers and scanners. This gives great flexibility. For example, you could be scanning a set of documents onto one computer whilst working on another and printing from yet another, all at the same time. The USB 2.0 switching action has been carefully engineered to ensure maximum computer reliability when connecting and disconnecting USB devices.

#### Options port for control, synchronisation and upgrade

An 'Options' port enables the AV4PRO-VGA-MS to be remotely switched using simple ASCII codes. When the channel is switched, the same ASCII codes are echoed to the 'Options' port and so,



Independent simultaneous device selection

Switching all connected devices to a single computer

#### Independent simultaneous device selection

Flexibility is key to the ADDERView Pro. The switch enables you to use the KVMA console to work on one computer whilst

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## FEATURES continued...

by linking 'Options' ports, two or more units can be switched in synchrony to switch more than 4 video heads. The port enables a 4 button switch unit (RC4) to be used with the ADDERView Pro. The same port can also be used to upgrade the firmware to guarantee that your hardware investment continues to deliver real value well into the future.

## ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. To find out more, visit: <http://www.adder.com>

## RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERView 4PRO  
AV4PRO-VGA



ADDERView 4PRO  
AV4PRO-DVI



ADDERView 4PRO  
MultiScreen  
AV4PRO-DVI-QUAD



ADDERView 4PRO  
DisplayPort  
AV4PRO-DP



## TECHNICAL SPECIFICATIONS

### Hardware compatibility

All computers with USB interfaces

### Software compatibility

Operates with all known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, all Sun OS, all Mac OS, NetWare etc.

### Computer connections at switch

USB 2.0 type B, Hi Res VGA (up to 4 per connection), 3.5mm stereo jack

### Local KVM console connection:

- Video:VGA (Dual x 2, Triple x 3 or Quad x 4)
- Keyboard/Mouse: 2 x USB type A
- Switched USB: 2 x USB 2.0 type A
- USB True Emulation: Emulates keyboard and mouse on each port. Low speed HID USB 2.0 devices supported
- Audio: 3.5mm stereo jack
- Other Connections: Options (flash upgrade, sync with other AV4PRO-VGA-MS and RS232 triggered power switches): Modular 10P10C

### Physical design

2.5U high metal case  
260mm (w), 150mm (d), 100mm (h)

### Power connection

2.5mm DC jack (power adapter included), 100-240VAC 50/60Hz input to power adapter, 5VDC 2A output from power adapter

### Operating temperature

0°C to 40°C / 32°F to 104°F

### Approvals

CE, FCC

## ORDERING INFORMATION

ADDERView PRO 4 port version:

Dual head: AV4PRO-VGA-DUAL-XX

Triple head: AV4PRO-VGA-TRIPLE-XX

Quad head: AV4PRO-VGA-QUAD-XX

XX = Mains Lead Country Code:  
UK = United Kingdom  
US = United States  
EURO = Europe  
AUS = Australia

## ADDITIONAL ACCESSORIES

RMK5PROMS: Rack Mount Kit

VSC18: 2m VGA analog video cable

VSC18: 2m USB cable (type A to B)

VSC22: 2m Audio cable

VSC40: Flash upgrade adapter plus standard 3m patch lead

RC4-8P8C: RC4 remote control plus standard 3m patch lead



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